

## Kaye And Britton Replace Kay Kyser For Annual I.F.C.

### Committee Forced To Rearrange Its Plans

Continuous Dancing Furnished  
By Milt Britton And  
His Troupe

Final arrangements have been completed by the I. F. C. Committee for the Interfraternity Conference dance which will be held on April 29, it was announced yesterday.

Sammy Kaye and his orchestra have been engaged to play in the Louis XIV Ballroom of the Hotel Somerset from 9:30 to 2:30 on Friday evening. Kaye was secured in place of Kay Kyser who was originally scheduled to play for the affair.

Two Bands To Play  
In addition from 10 to 3 in the Princess Ballroom of the Somerset, Milt Britton will present his orchestra  
(Continued on Page 4)  
I. F. C. Band

### Five Tech Professors Will Write Viewpoints On Religious Issues

Articles To Appear In The Tech  
In Conjunction With  
Latest Poll

Five articles by Institute professors presenting various viewpoints on religious issues will appear starting next Monday in conjunction with The Tech's poll on religion. Two of the articles are to be presented in the next issue, and the remaining three will be published a week later.

The poll will take place on the Wednesday after Open House and is to consider questions raised by the professors, but will not be confined exclusively to them.

Several Points of View Presented  
In an effort to get a broad preview of the issues involved, The Tech has invited several prominent faculty members to contribute their ideas. Professor William C. Greene of the English Department will write on agnosticism, and Dr. Dirk J. Struik of the Mathematics Department on materialism.

Dr. Robert H. Cameron, also of the Mathematics Department, will defend the literal interpretation of the Bible, while Professor Matthew R. Copiorne of the English Department writes on Catholicism, and Dr. William H. Timble of the Department of Electrical Engineering presents the liberal Protestant viewpoint.

### Dates To Be Weighed At The A. S. U. Dance

"Bring your date by the pound" is the call the American Student Union is sending out for its dance tonight at the 5:15 Club room of Walker Memorial.

The price of admission for all stages, male or female, is to be sixty-nine cents. But for couples, different tariffs are to be levied. The price in this latter case is to be one cent per pound for the girl with a ten cent rebate for the presence of the escort. Music will be furnished by the new electric phonograph. Weighing-in for the affair is to start at 8 P. M.

### All Nominees Must Submit Information Before Monday

The elections committee, through its chairman, Kingsland C. Coombs, '38, announced last night the necessary steps that must be taken by the members of the student body, nominated for office, in order to be eligible for the elections to be held on Wednesday, April 27.

On or before Monday, April 25 all nominees, he said, must leave the following information at the Information Office in the Main Lobby: their cumulative rating, their residential group, their complete activities record and a four by five full-face photograph of themselves.

### Boat Is Obtained For Weekend Sail

#### Other Arrangements Completed For Cocktail Party And Tea Dance

Featuring this year's innovation of an I. F. C. week-end, will be a moonlight sail along the North Shore to Gloucester on Saturday evening, April 30. Arrangements have been made for accommodations on the "M. V. Nelsoco." The boat, a diesel-driven yacht, will leave Rowe's Wharf, Nantasket Boat Pier, at 8:45 P. M., returning at 1 A. M.

Free beer will be served on board; liquors may be purchased at the boat's bar. The orchestra will begin at 8:15 and continue to play for dancing for

(Continued on page 4)

I. F. C. Weekend

### Scholarships Will Be Gift Of Senior Class

#### Awards Will Start When Fund Has Total Of \$10,000

A scholarship fund, to be put into effect when it reaches a sum of \$10,000 or at the twenty-fifth reunion of the class of 1938, was announced as the plan for the Senior Class Gift.

Provisions of the fund include that the awards be made by the Institute, that preference be given to descendants of the Class of '38, and that emphasis be placed on the need of the student as evidenced by the applicant's own effort to help himself to obtain an education.

Fund Raised By Life Insurance  
The funds are to be raised by the purchase of life insurance policies in which a portion of the dividends be

(Continued on page 4)

Senior Class

### CLASS OF 1938

#### Permanent President John J. Wallace

#### Permanent Secretary C. Kingsland Coombs

### CLASS OF 1939

#### President Walter B. Parker

#### William F. Wingard

#### Secretary-Treasurer David S. Frankel

#### Richard S. Leghorn

#### Institute Committee Nicolas Ferreira

#### Lawrence M. Levinson

#### Robert B. Wooster

### Nominations For Class Offices

### CLASS OF 1940

#### President

Thomas F. Creamer  
Walter H. Farrell

Jim S. Rumsey

#### Secretary-Treasurer

Reeve C. Morehouse  
Wesley J. Van Sciver

#### Institute Committee

Charles W. Freeman

J. Herbert Holloman, Jr.

David T. Morganthaler

John J. Piotti, Jr.

H. Garrett Wright

### CLASS OF 1941

#### President

Stanley Backer  
Walter P. Keith, Jr.

John B. Murdock

L. Merton Richardson

#### Secretary-Treasurer

Horace J. Adelson  
Carl M. Mueller

Norman I. Shapira

#### Institute Committee

William G. Kussmaul, Jr.

Arnold S. Mengel

Willard S. Mott

Richard S. Van Tuyi

## To Suspend Classes As Two Congressmen Address Peace Rally

### 16 Organizations Are Backing Meeting

Permanent Peace Organization  
Will Be Discussed In  
Afternoon

Two Congressmen as speakers and suspension of classes for an hour will mark the annual All-Technology Peace meeting which will be held from eleven to twelve on Wednesday morning, April 27, in Room 10-250.

The principal speakers will be Hamilton Fish, Jr., Republican representative from New York, and John T. Bernard, Farm-laborite representative from Minnesota. The former will speak on "Isolation" while Mr. Bernard will speak on "Collective Security."

Same Speakers At Harvard  
During the same hour Harvard will  
(Continued on page 4)  
Peace Meeting

### New T.E.N. Issue Out Next Tuesday

#### Television, Rocketing, German Plan And Forecasting Are Featured

The April issue of the T. E. N., to come out Tuesday, April 26, will feature several unique articles on Rocket Engineering, Television, The German Four Year Plan, and Weather Forecasting.

Rocket Engineering, the mythical science applied so often by writers in fiction, is described by Robert H. Goddard as a reality. In conducting investigations on a practical rocket Mr. Goddard found many interesting problems for research, such as the use of liquid oxygen and gasoline for fuels. The amazing thing about the

(Continued on Page 4)

T. E. N.

### Dramashop Concludes Season With Comedy

#### Tech-Simmons Unite To Present "Let Us Be Gay"

Presenting "Let Us Be Gay," in conjunction with Simmons College, Saturday, April 23, at 8:20 P. M., the Dramashop concludes its present season. The play, a comedy in three acts by Rachel Crothers will be held at the Boston Boys Latin School.

The third annual play in collaboration with Simmons, "Let Us Be Gay" concerns the hilarious experiences which befall an estranged husband, James Souder, G, and his former wife, Rita Williams, when they meet at a week-end party three years after their divorce.

Supporting Souder and Miss Williams, who play Bob and Kitty Brown respectively, are Dorothy Sprague as Madge, Philip Weatherill, '39, as Wally, Majorie Rassinusson as Die-

(Continued on page 3)

Dramashop

### Elaborate Gas Plant Model Will Be Shown In Action Next Week

#### Civil Engineering and Biology Departments Announce Exhibit Plans

Outstanding among the Open House exhibits will be the working model of a gas plant which is now being completed on the first floor of the junction of buildings two and six. Donated by a local gas company and costing \$15,000, the model will actually manufacture illuminating gas such as is used in the kitchen range.

Time By The Stars  
The Civil Engineering Department has arranged to tell time by the stars. To do this they will place an accurate surveying instrument on the roof of Building 1. From there the observations will be transmitted to a clock downstairs where the time is to be recorded.

Exhibit Of Bacteria And Molds  
A demonstration of the action of bacteria and the formation of molds will be the contribution of the Department of Bacteriology. The bacteria are to be projected on a screen from a microscope. Following that there will be a lecture and demonstrations on the spoiling of food, the purification of water and milk, the preservation of food with remarks on canning, and the theory of pasteurization.

### Technology Glee Club Will Go To Bradford

Fifty members of the Technology Glee Club will travel to Bradford, Mass., tomorrow evening to be the guests of Bradford Junior College at a joint concert, which will be followed by a dance and refreshments. The concert will feature two numbers, "To Thee Alone Be Glory" by Bach and "How Lovely Is Thy Dwelling Place" by Brahms to be sung jointly by the two clubs. Other selections are to be sung separately.

Two major events are scheduled for the club next week. The first is to be a special program for Open House over the NBC nationwide hookup on April 28; the second will be a concert on the afternoon of Open House. There is to be no admission charge for the latter.

# The Tech

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 MASSACHUSETTS INSTITUTE OF TECHNOLOGY  
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## NO GLORY

### WITHOUT RESPONSIBILITY

AS THE actual date of Open House changes gradually from a number and a month to be a day full of hours, several potent facts present themselves to change a rather aloof point of view to one of action and responsibility. At the first of the year, one can discuss the Open House pro and con with a clear conscience and come to the conclusion that since it is better for the Institute as a whole, we are for it regardless of what we consider just a few extra hours of work in one week of the term.

Slowly it dawns upon the men who will bear the brunt of the work this year, why the plans were discontinued last year. The exhibition is not a field day for students and faculty, but entails considerably more work and responsibility than does the weekly routine of classes. With little more than a week to go, some plans are not yet complete and others will require a considerable amount of touching up to pass the more amateur stage of exhibitions and acquire the more finished touch that should characterize Technology.

Open House means not only a chance to gain something for the school, but after it has started, there remains the chance to lose the same something. It is not enough to decide to have the show, it must be perfected so it will not fall below the par set by former years. A few men who are interested can do a lot in planning, but they will need the support of the whole Institute if Open House is to be a complete success. The machine has been wound up. It will take a great deal of co-operation this last week to see that it works for us and not to destroy us.

## LOST

### ONE ORCHESTRA

NEWS AND changes in the long expected I. F. C. week-end arrive at a rather late date for changes in plans; but then, why change your plans. The committee lost on a gamble, what were their odds is scarcely material. In the place of one large orchestra and a small local one, the dance will feature two medium sized ones and a show by one of the orchestras. The committee lost a strong name, but made a good bargain just the same.

Actual plans for a boat for the mid-night sail are gratifying after hearing rumors that their hopes had been dashed by repeated failure in trying to arrange for the cruise. Not all who attend the main dance will get to the

other affairs, but with a total of five orchestras hired for the week-end, there should be few who like to dance who will not enjoy themselves.

The time before the dance is getting smaller and with it the chance for a change. Beyond a doubt some will be disappointed, but the reputation of the feature orchestra does not always determine the success of a dance. The Committee is in charge of an entire week-end, not of merely one night's entertainment. They can best be judged by their results.

The outcome should be an example to other committees. These men have lost face, perhaps through a lack of judgment, perhaps through a long chance of fate. Watch and beware.

## UNCONSCIOUS

### AMERICA AWAITS WAR

THE EUROPEAN scene may have assumed a deceptive tranquility, but fear of war is as great in the hearts of men abroad as it ever has been. For no international treaties can assure international amicability, experience has taught them; they know that the flamboyant sympathies evinced by these agreements are superficial at the most and shift with the ever changing political and economic situation.

Because they recognize that the threatening forces are still there, that the smooth surface of affairs conceals a tempest of jealousies and conflicting ambitions, these men are afraid. The horrors of the Spanish war portend horrors multiplied a hundred fold if the nations engage in another general European war. Mass instruction in the use of the gas mask and in the art of dodging bombs do little to bolster up sagging European spirits.

Despite repeated warnings from authorities that our fate rests with that of the nations across the oceans, we in America cannot help feeling that we are rather remote from all those fears which beset the Englishman and the Frenchman. We forget that a commercial nation like the United States cannot completely isolate herself from her markets and her supplies, and that under present conditions America would be hard pressed to avoid becoming deeply involved in any conflict in which her customers participate.

Not all Americans, however, are unaware of these facts. Not all Americans lose themselves in the secluded security of baseball or in the feverish maelstrom of domestic politics to forget all about Hitler and Mussolini as soon as the breakfast paper is set down. Some, like the sponsors of Technology's Peace Conference, fear the imminence of a world war and are attempting to stave off the catastrophe.

Many Technology students will regard the conference as futile, and will doubt that several hundred or even several thousand students with conflicting ideas and uncoordinated programs can encourage a lasting peace in a world containing tense, war-eager dictators, and nervous, irascible people. But these students hope to accomplish an extended and perhaps a lasting peace.

The Administration has recognized the possibility by eliminating classes for one hour that the whole student body may participate in these peace-seeking activities. For the student attempts may be effective. First, there is the possibility that a handful of students can arouse a much larger body to concerted non-military action. And second, the efforts may make America conscious of the fact that she must step warily, that war is not a remote abstraction for her but a threatening danger. If America is affected by a series of student peace meetings, perhaps the results will spread to powerful European nations and war may be averted.

## Reviews and Previews

METROPOLITAN—After a long road show engagement, *In Old Chicago* returns to Boston. The film, which stars Tyrone Power, Alice Faye, and Don Ameche, depicts the rise of various members of the O'Leary family in the early days of the Windy City. The climax is the spectacle of the famous Chicago fire. *Tip-off Girls* is the co-feature.

### LOWE'S STATE AND ORPHEUM

—Starting today, Clark Gable, Myrna Loy, and Spencer Tracy portray the adventurous life of a Test Pilot. Gable is starred as a daring aviator, Tracy as a mechanic who takes care of both the pilot and his plane, and Miss Loy as the flyer's wife who must share her husband with the sky.

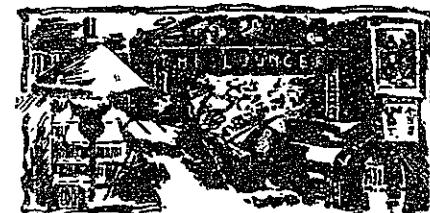
MEMORIAL—Jackie Cooper, juvenile star, Bert Wheeler, comedian of Wheeler and Woolsey fame, and Dixie Dunbar, comedienne, are borrowed from the silver screen to headline this week's stage show. *Battle of Broadway*, with Louis Hovick and Victor McLaglen, is the film to be shown.

BOSTON—*Waikiki Nights*, Hawaiian-American musical on the stage here, features such specialties as the "Sacrificial Dance," a native ritualistic ceremony. On the screen will be *Law of the Underworld*, with Chester Morris and Anne Shirley.

UPTOWN—Catherine Hepburn and Cary Grant are the stars of *Bringing Up Baby*, new comedy starting tomorrow. *Romance in the Dark*, with John Boles and Gladys Swarthout, and the current issue of the *March of Time* complete the program.

PARAMOUNT AND FENWAY—Bette Davis, George Brent, and Henry Fonda are featured in *Jezebel*, a tale (Continued on Page 3)

Reviews and Previews



S. P. U. G. Exhibit

A recent communication from the secretary and staff of the Society for the Production of Useless Gadgets confirms our suspicions about their working on an Open House exhibit. The letter follows (provided the night editor can find room for it).

"Dear Mr. Lounger:

"Plans are now being drawn up for the Open House exhibit sponsored by the Society for the Production of Useless Gadgets. It will take the form of a visitor counter, to record automatically the number of visitors passing a given point. We understand that the point has been donated by the mathematics department which had an extra one that was pretty small anyhow."

"After a great deal of research, collaboration, and discussion, the society decided to invent the use of a photoelectric cell. Passing visitors will interrupt a light beam and a sensitive arrangement of relays will then operate a linked electrical circuit which will project a visitors' register in front of the light-beam-interruption-person by means of a parallel-bar linkage. The visitor will then sign his, her, or its name to the book and the linkage will then swing it out of the way. A freshman standing beside the equipment will then put the proper number after the name in the space provided, as determined by the number after the preceding name, such as 35 after 34, and 245 after 244. This reduces the freshman's problem to one of simply remembering consecutive numbers, and he can be supplied with a Hudson's Manual or some other Ready Reference with all the numbers in it."

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## ELECTRICAL QUIZ

How many of these Questions can you Answer?

- What is the horsepower of an ordinary electric clock motor?
- When, where and what was the first officially scheduled radio broadcast?
- How many pounds of coal are needed to produce a kilowatt-hour of electricity today?
- How fast do the electric elevators travel in Radio City, New York?
- Where and what is the largest all-electric-welded building in the world?
- What is the greatest advantage of alternating current over direct current?
- Who invented the A. C. watt-hour meter?
- What is Micarta?
- How does the average cost of electricity today compare with 1913?
- What cooling medium has been found superior to air for high-speed turbine-generators?

ANSWERS WILL BE FOUND ON PAGE 4

## FLY WITH WIGGINS AIRWAYS

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## Crew Will Row In Four Races As Season Opens

Two Freshman and Varsity  
Will Compete Here  
Tomorrow

### Sophs, Freshmen Row At Kent

Opening the season with four races tomorrow, the Institute crews will see action both here and away.

Featured in the first race at Tech will be the M. I. T. freshman 150# first crew and the first crew from Browne Nichols. The second race will have the M. I. T. Varsity, the M. I. T. frosh heavies, and the second crew of the Union Boat Club.

The Boston University Varsity, Union Boat Club first crew, the M. I. T. Varsity, and the M. I. T. 150# Varsity will compete in the third race in home waters.

At Kent School in Kent, Connecticut, the M. I. T. Soph crew, the Kent first crew, the M. I. T. second frosh 150# crew, and the Kent second crew will see action.

### Diesel School Faces Institute Nine Today

At four o'clock today on the Coop field, an unofficial Technology team headed by Arnold Arch, '40, will play the United States School of Diesel Engineering, whose team is under the supervision of Stanley W. Doroff, M. I. T., '34.

Saturday afternoon the Institute diamond men will face a team of Harvard graduate students, also on the Coop field.

### Technology Golf Team Will Meet Colby College Saturday

Driving practice is being held by the golf team candidates Sunday afternoons on the Coop field. Two weeks ago over 700 golf balls were batted away by the 14 men that appeared for the practice. Next Sunday Manager Charles Hobson, '39, expects a larger crowd and has procured about 1,000 balls for their use. All men interested are asked to turn out at that time. Caddies will be provided so that the men will not be required to collect the balls after the practice.

### Time Trials Tomorrow For Both Track Teams

In preparation for the opening meets of the Freshman and Varsity track teams, trials will be held tomorrow afternoon at 2:15. The Varsity will have tryouts in fifteen events while the Freshmen will compete in fourteen. The two mile run is not on the Freshman schedule.

The first meet for the Freshmen will be on next Friday when they go down to Moses Brown to compete in a dual meet. The opening Varsity meet will be held on the afternoon of Open House when they compete against Boston University and Tufts.

### CORSAGES

By

**COLEMAN**

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### Beaver Sailors To Seek Morss Trophy

#### The First Official Intercollegiate Dinghy Regatta Of Year On April 23, 24

Technology's sailors are confidently expected, as always, to walk away with the Intercollegiate Dinghy Regatta, which will be held on the Charles, Saturday, April 23 and Sunday, April 24, the Institute's boatmen acting as hosts to Brown, Cornell, Dartmouth, Harvard, Princeton, Williams, and Yale.

The Institute will be competently represented, as of last year, by Runyon Colie, Jr., '40, skipper of the "A" boat, and by Herman H. Hanson, '39, and C. Eric Olson, Jr., '38, co-skippers of the "B" boat. (Olson is in charge during light weather, and Hanson takes over during heavy weather.)

A novel feature of the regatta will be the two-way radio sets with which all the launches are provided, thus keeping them completely in touch with each other and with the shore.

### Tech Golf Team Meets Colby Group Saturday

Saturday afternoon the Technology golf team will meet Colby College at the Oakley Country Club in the first match of the season. Captain Lloyd R. Ewing, '38, expects an easy victory. The team is essentially the same as last year's, which won 50 per cent of the games played. Other members of the team are Paul J. Sullivan, '38, Charles S. Wetterer, '38, and Robert E. Sessler, '38.

As yet the freshman team has but four candidates and has no match scheduled. Freshmen who are interested should turn out for the driving practice which is being held on the Coop field on Sunday afternoons.

### Reviews And Previews (Continued from page 2)

of old New Orleans which alternates with the Jones Family in *Love On A Budget*.

**SCOLLAIR AND MODERN**—Her *Jungle Love*, with Dorothy Lamour and Ray Milland, shares the screen with *Over The Wall*, latest prison play by Warden Lewis E. Lawes.

### Dramashop

(Continued from page 1)

dre, Dick Erikson, '40, as Bruce, Mary Ivemy as Mrs. Boucicault, and George Moore, '39, as Townley.

The play, which contains three acts, a prologue, and two scenes in the second act, is directed by Miss Matlack of Simmons faculty.

Tickets for the performance are 55¢ each and may be obtained either at the information office in the Main Lobby or at the door. The performance will be staged at the Boston Boys Latin School, which is located on Louis Pasteur Avenue near the Harvard Medical School.



### This Week's HIT PARADE

Ti-Pi-Tin  
Good Night Angel  
Please Be Kind  
Whistle While You Work  
On the Sentimental Side  
How'd Ja Like to Love Me  
Love Walked In  
Heigh Ho  
At a Perfume Counter  
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cigarette paper... the best in-  
gredients a cigarette can  
have... THEY SATISFY.*

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## CALENDAR

## FRIDAY

12:00 Noon—Mrs. H. S. Ford Luncheon—Silver Room.  
1:00 P. M.—Technology Dames Bridge—Faculty Dining Room.  
6:00 P. M.—Dept. of Radio Engineers Dinner.  
9:00 P. M.—Scabbard and Blade Dance—Main Hall.

## SATURDAY

1:00 P. M.—Chess Club—East Lounge.  
6:30 P. M.—Chinese Students Dinner—Faculty Room.  
8:30 P. M.—Menorah Society Dance—North Hall.  
Sailing Regatta—Nautical Club.

## SUNDAY

2:30 P. M.—I. F. C. Meeting—Faculty Room and North Hall.  
MONDAY

5:00 P. M.—Technique Meeting—East Lounge.

## T. E. N.

(Continued from page 1)

investigation lies in their success.

## Television Discussed

Howard C. Lawrence, '38, in his article on television points out just what advancement has been made and what we may expect from it. Because of personal investigations for his thesis work at the Institute and his lectures on the subject Lawrence has qualified himself to write an interesting article.

## The German Four Year Plan

Mr. Johann A. Bertsch has submitted a lecture he has given a number of times about the German Four Year Plan. Interesting problems met and overcome in the technical fields by the Germans in their search for economic independence, such as those encountered in the automotive industry, prove enlightening.

The article on Weather Forecasting by Mr. E. B. Rideout discusses the need for the forecast in the business world of today.

## I. F. C. Week-End

(Continued from page 1)

the balance of the sail.

## Cocktail Party Planned

Preceding the main dance at the Hotel Somerset, will be a cocktail party in the Main Dining Room of the Parker House from 8:30 to 9:30 P. M.

On Open House afternoon, I. F. C. activities will continue with a Tea Dance at the Hotel Vendome. Frank McGinley and his orchestra will furnish music for dancing from 4:15 until 6:15 P. M.

## Few Tickets Still Left

Ticket arrangements for the weekend affairs are: Price for the main dance is \$4.98, redemptions at \$2.98; price for tea dance is \$1.25, no redemption; price for the sail is \$2.75, no redemption, but sail tickets may only be secured through the purchase of a blanket ticket; a total price of \$8.98. Two hundred and twenty-five blanket tickets, at \$8.25 each with a redemption of \$5.75, will be sold to those men who signed for them when they bought their options. There are still several separate tickets available for the main dance and the Tea Dance. They may be procured through Gordon Pope, '39.

## Peace Meeting

(Continued from page 1)

also hold a peace meeting, using the same speakers in reverse order. While Mr. Fish is speaking at the Institute, Mr. Bernard will be talking at Harvard. When they have finished, they will rush off to the other school as quickly as possible.

During the intermission caused by the change of speakers Mr. Edwin Tatman, president of the Tech Open Forum, will discuss the possibilities of founding a permanent peace organization at Technology. Greetings from the Harvard meeting will also be read during this period. William G. Gibson, '38, will conduct the meeting.

## Second Meeting At Five

A second meeting will be held at five o'clock the same afternoon to lay plans for the founding of a permanent peace organization. Sixteen organizations have already shown interest in this project, and each will send two representatives. Any other organizations which are interested or any individuals who are interested are cordially invited to attend. The place for the meeting will be announced in next Tuesday's issue of The Tech.

Over five hundred schools throughout the country are holding similar peace meetings at the same time, and it is estimated that over a half a million students will be in attendance.

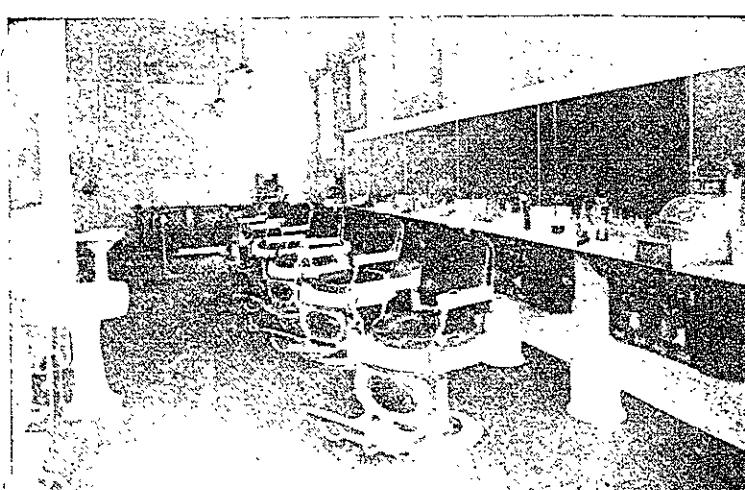
## Many Pledge Support

Those organizations which have already pledged their support for the permanent peace organizations are: Phi Beta Delta, the T. C. A., Sigma Alpha Mu, Phi Mu Delta, Sigma Nu, the Pi Club, the Chinese Club, the French Club, the Chemical Society, the Debating Society, the A. S. U., the Mount Vernon Young People's Society, the Chess Club, the Association of Women Students of M. I. T., and the Dormitory Committee.

## The First Church of Christ, Scientist

Falmouth, Norway and St. Paul Sts., Boston, Massachusetts  
Sunday Services 10:45 a. m. and 7:30 p. m.; Sunday School 10:45 a. m.; Wednesday evening meetings at 7:30, which include testimonies of Christian Science healing.  
Reading Room—Free to the Public, 333 Washington St., opp. Milk St., entrance also at 24 Province St., 420 Boylston Street, Berkley Building, 2nd Floor, 60 Norway St., cor. Mass. Ave. Authorized and approved literature on Christian Science may be read, borrowed or purchased.

## DUNLEAVY'S SANITAX BARBER SHOP



COMPLETE BARBER SERVICE  
Catering to Tech Professors and Students  
80 Mass. Avenue (opposite new build'g)  
Established 30 years in Cambridge

## Dramashop Cast For Saturday's Play



Top Row, Left To Right: Dorothy Sprague, Philip Weatherill, James Souder.  
Front Row, Left To Right: Marjorie Rasmussen, Dick Erikson, Mary Ivemy, Rita Williams, George Moore.

## I. F. C. Band

(Continued from page 1)

and troupe in a special show. Britton and his orchestra have played at the Chez Maurice, Dallas, and the Club Mayfair, Cleveland. They have also been starred in Rudy Vallee's picture, "Sweet Music." Their specialty is a forty-minute exhibition in which the entire orchestra goes crazy, breaking all their instruments over each other's heads, from violins and saxophones to bass violins, climaxing in the destruction of the piano.

## Tables Available

It was also announced that tables will be available for each fraternity house in both the Main Dining Room and the Mahogany Room; that the entire first floor of the hotel, except the Balinese Room, will be exclusively for the use of the I. F. C. patrons; and that three bars, for those in the Lounge, the Erickson Grill, and the Princess Room, will be available.

Options for the dance will of course be refunded at the original price to any to whom the change in orchestra is not satisfactory.

## Just across the way

Students, we serve  
Special Hot Luncheons  
As Low As 25¢

All Home Cooking  
Done by Women  
"You will like our food"

## CORNER TEA ROOM

136 Mass. Ave. at Vassar Tel. Kir. 9693

## Amendment

All undergraduate organizations are required to amend their constitutions to include the following:

## (a) Duties of the President:

"The President, within the first month of his active term of office, shall review the copy of this constitution on file with the Institute Committee and certify to its correctness.

## (b) Duties of the Secretary:

"The Secretary shall transmit to the Walker Memorial Committee the names of all members elected or appointed to any office in the . . . organization. This notification shall be made at the time such election or appointment becomes official.

## (c) Duties of the Treasurer:

"The treasurer shall submit to the Budget Committee such financial reports as the Budget Committee shall request, and shall keep the Budget Committee informed of the financial condition of the . . . organization at all times.

## (d) Amendments:

All amendments shall be submitted to the Institute Committee for approval, and shall not take effect until that approval has been granted."

Notice that the changes have been made shall be filed with the Institute Committee before Thursday, April 28, 1938.

RICHARD D. YOUNG,  
Secretary, Institute Committee

Meeting Tuesday Ends  
Course Counselling

For the benefit of those freshmen unable to attend the dinner meetings of the course counselling committee, a final meeting was held Tuesday evening, April 12, in the West Lounge of Walker Memorial.

Freshmen informally discussed their problems with graduate students who acted as counsellors for the various courses. Courses represented at all of the meetings were selected by the freshmen themselves through the medium of questionnaires enclosed in their registration material for this term.

## Walton Lunch Co.

Morning, Noon and Night  
You will find All Tech at  
78 Massachusetts Avenue  
CAMBRIDGE

QUICK SERVICE  
APPETIZING FOOD  
POPULAR PRICES  
Quality First Always  
THAT'S  
WALTON'S

1080 Boylston Street  
Convenient to Fraternity Men  
Learn the Big Apple, Westchester,  
Rhumba, Tango, etc., at  
PAPARONE STUDIOS  
Private Lessons Daily, Given by Expert  
Lady Instructors  
Classes every Tuesday and Thursday—8:30-11:00  
1088 Boylston St.—at Mass. Ave. Tel. Com. 8071

ANSWERS  
TO THE ELECTRICAL QUIZ

1. The horsepower of one type of electric clock motor is eleven millionths H.P. A dynamometer made in the Westinghouse Research Dept. has accurately measured and plotted this fact.

2. The first officially scheduled radio broadcast was that of the Harding-Cox presidential election returns, sent out over Westinghouse Station KDKA, Pittsburgh, Pa., on Nov. 2, 1920.

3. Modern high-efficiency Westinghouse-equipped generating stations produce a KWH of electricity on 1 lb. of coal, base load. The national average for 1937 was 1.43 lbs. In 1922 the figure was 2.5; in 1927, 1.75; in 1932, 1.5.

4. Some of the Westinghouse elevators in Radio City, believed to be the fastest in the world, travel at the speed of 1400 ft. per second.

5. The largest all-electric-welded building (tonnage and floor space) is the 12-story Central Engineering Laboratory building of the Westinghouse Electric & Mfg. Co. at East Pittsburgh, Pa.

6. The greatest advantage of alternating current, as recognized by Geo. Westinghouse more than 50 years ago, is the facility with which its voltages can be stepped up or down for various needs of transmission or use.

7. Oliver B. Shallenberger, a young engineer with the Westinghouse Electric Co., discovered the principle in 1888 and developed the first A.C. watt-hour meter. It has been basically unchanged to this day.

8. Micarta is a laminated synthetic resin material, developed by Westinghouse and having many desirable electrical and mechanical characteristics. It is used for insulation, bearings, bushings and many industrial purposes, as well as for decorative work of all kinds.

9. Electricity costs about  $\frac{1}{4}$  less today per KWH, on the national average, than it did in 1913. It is one of the few commodities that has steadily decreased in cost during these 25 years.

10. Hydrogen has been found to be a better cooling medium than air, and 10 out of the last 14 large 2-pole 3600 r.p.m. generators use it. Westinghouse pioneering led to this improvement.

Watch for another interesting "Electrical Quiz" in a coming issue of your college publication. Electricity is the greatest single force in this modern age. Learn more about it—and about the companies, like Westinghouse, that put it to doing the world's work.

Westinghouse Electric & Mfg. Co. Pittsburgh, Pa.



Westinghouse  
The name that means everything in electricity